

SUB A

WHAT IS CLAIMED IS:

1. A motor comprising:
a stator provided with a resin coil bobbin formed by
insert molding having metallic stator cores; and
5 a rotor accommodated in said stator, said rotor being
rotated while being urged by an urging member in the axial
direction of said rotor;
wherein a positional regulation part for regulating the
position of said rotor in a thrust direction is integrally
10 provided in said coil bobbin.
2. A motor according to claim 1, further comprising a slide
bearing movable in the axial direction of said rotor and
rotatably receiving one end of a shaft of said rotor, and
15 wherein a holding portion for holding said slide bearing
is provided integrally with said coil bobbin, and said urging
member is attached to said holding portion.
3. A motor according to claim 2, wherein said positional
20 regulation part is constituted by a bearing provided at the
other end of said shaft.
4. A motor according to claim 3, wherein said positional
regulation part accepts indirectly an urging force of said
25 urging member via a washer made of resin.

5. A motor according to claim 3, wherein the other end of said shaft is protruded from said bearing, and a lead screw portion is formed in said protruded portion.

